

# Weekly Report

2018.0507-2018.0513

## 1.This Week

### WaveLines major revision

1.Revise the wavelines paper, including:

- add more information about insights find in the case studies, including what the expert will do with the finding insights
- revise and organize the expert interview section to make it more informative, organize the positive and negative comments
- revise the topology view section, explain why the glyph is encoded this way

### Black Book Revision

1.collect and organize the material (including paper, survey, book)

2.revise chapter 10.2: add n-gram models, tree structure models, word embedding models, neural network models

### Others

1.Last week I sent some material to Li Zongzhuang and this week we have a discussion about what he is going to do. For now, we decide to let him study the SQC methods and continue research on this direction (Since Huang also mentioned this is interesting).

2.Organize the former works of Large Scale Power Grid Visualization and Interaction with Lin Liwen and prepare to re-do this project when Lin Liwen is less busy with his intern interviews.

### Paper Reading

1.Voyager 2: Augmenting Visual Analysis with Partial View Specifications

2.Keeping Multiple Views Consistent: Constraints, Validations, and Exceptions in Visualization Authoring.

3.The Word Tree, an interactive visual concordance.

4.DocuBurst: Visualizing Document Content using Language Structure

5.SolarMap: Multifaceted Visual Analytics for Topic Exploration

## 2.Progress

Work	Deadline	Progress
Wavelines revision	5.23	progressing

Work	Deadline	Progress
Power grid paper with Deeping learning	-	suspended
Revise the black book	may	progressing